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**PREDICTION OF RESERVOIR ROCK QUALITY FROM CORE DATA ANALYSIS**

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**ABSTRACT**

The quality of reservoir rock is determined by reservoir rock characteristics influenced by pore size, pore distribution and drainage efficiency.

Using nine sand-core samples and ten carbonate-core

samples, porosity and permeability were measured and mercury was injected into the samples with pressure ranging 3 to 2000 psi. Pore size, pore distribution and drainage efficiency can be determined by means of the capillary pressure data.

The result of the test is follows : three sand-core samples are of good quality, two sand-core samples are of fair quality while the others are of poor quality.

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